

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Southeast District - Annex Building

4041 N. Richards Street

P. O. Box 12436

Milwaukee, WI 53212

TELEPHONE 414-229-0800

TELEFAX 414-229-0810

George E. Meyer
Secretary

January 11, 1996

Richard Axt
Roundy's, Inc.
11300 West Burleigh St.
Wauwatosa, WI 53222

Dear Mr. Axt:

Subject: Case closure for Roundy's Foods #5-SMP, (2000 gallon heating oil underground storage tank) 11300 West Burleigh St., Wauwatosa, file reference #241279390 ERR-LUST

Based on the investigative and remedial documentation provided to the department, it appears that the petroleum contamination at the above-named site has been remediated in compliance with the requirements of chs. NR 700 to 724, Wis. Adm. Code. Therefore, the department considers the case closed, having determined that no further action is necessary at the site at this time. However, the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare or the environment.

If you have any questions about this letter, call me at 414-229-0850.

Sincerely,

John Feeney
Hydrogeologist, Tank Response Unit

cc: AES Consultant's, Ltd.
SED File

FID# 241279390

L.U.S.T.

RECEIVED

DEC 0 6 1995

D.N.R. SED Hqtrs.
Milwaukee, WI

UST CLOSURE ASSESSMENT (SMP)

**Roundy's Inc.
11300 West Burleigh Street
Wauwatosa, Wisconsin**

**Prepared for:
Roundy's Inc.
Wauwatosa, Wisconsin**

November, 1995

November 14, 1995

Ms. Giselle Red
Wisconsin Department of Natural Resources
4041 North Richards Street
P.O. Box 12436
Milwaukee, Wisconsin 53212

Dear Ms. Red:

RE: UST Closure Assessment (SMP)
Roundy's Inc.

Enclosed is the above-referenced report. This report will be organized along the lines of the *WORK PLANS for SITE INVESTIGATIONS* outline which is included as "TABLE 1" of Chapter 6 of WDNR Publication SW-157-92, *GUIDANCE FOR CONDUCTING ENVIRONMENTAL RESPONSE ACTIONS*, March, 1992.

Please contact me if you have any questions concerning this report.

Sincerely:

AES Consultants, Ltd.



Robert R. Spanbauer
Senior Project Hydrogeologist

Enclosure

RRS:sms



DISTRIBUTION LIST

No. of Copies

Sent to

1

Mr. Richard Axt
Roundy's Inc.
11300 West Burleigh Street
Wauwatosa, Wisconsin 53222

1

Ms. Giselle Red
Wisconsin Department of Natural Resources
4041 North Richards Street
P.O. Box 12436
Milwaukee, Wisconsin 53212

UST Closure Assessment

(SMP)

Site #5

Roundy's Inc.
11300 West Burleigh Street
Wauwatosa, Wisconsin

Prepared for:
Roundy's Inc.
Wauwatosa, Wisconsin

November, 1995

I hereby certify that I am in compliance with Administrative Rule ILHR 10 and am authorized to perform Site Assessments.


Robert Spanbauer

AES Consultants, Ltd.
10300 West Lincoln Avenue
West Allis, Wisconsin 53227
(414) 545-7277; Fax: (414) 545-7472

AES Consultants, Ltd.
1995

TABLE of CONTENTS

1. INTRODUCTION	1
a. Site Name, Address, Location, Type of Site and Material of Concern	1
b. Name and Phone Number of Owner, Operator, and Client	1
c. Consultant's Name	1
d. Certified Site Assessor	5
2. DESCRIPTION of SITE CONDITIONS	5
a. Regional Geology and Hydrogeology	5
b. Local Geology and Hydrogeology	5
c. Site Description, Case Summary and Chronology	5
1. <i>Previous UST System Removals</i>	5
2. <i>UST Contents</i>	6
3. <i>Condition of USTs, Lines and Dispensers</i>	6
4. <i>Information on System Leaks or Repairs</i>	6
5. <i>Description of Past and Present Property Use</i>	6
6. <i>Third Party Present at UST Closure (If Any)</i>	6
3. TANK EXCAVATION	6
4. TANK CLEANING	6
5. SOIL DISPOSAL	7
6. SOIL SAMPLE ANALYTICAL RESULTS	7
7. CONCLUSIONS and RECOMMENDATIONS	7
a. Conclusions	7
b. Recommendations	9
8. LIMITATIONS of LIABILITY	9

LIST of FIGURES

- 1 Site Location Map 2
- 2 Site Plot Plan 3
- 3 SMP UST Location 4

LIST of TABLES

- 1 Soil Sample Analytical Results 8

LIST of APPENDICES

- A. Underground Petroleum Product Tank Inventory Forms
- B. Landfill Disposal Documentation
- C. Soil Sample Analytical Reports

1. INTRODUCTION

Under contract to Roundy's Inc. of Wauwatosa, Wisconsin, and on their behalf, AES Consultants, Ltd. (AES) submits this "*UST Closure Assessment (SMP)*" to the Wisconsin Department of Natural Resources (WDNR). Herein is described the past activities conducted at the site, as well as the activities proposed to remediate the site.

a. Site Name, Address, Location, Type of Site and Material of Concern

Roundy's Inc.
11300 West Burleigh Street
Wauwatosa, Wisconsin 53222

Figure 1 presents a location map and Figure 2 presents the site plan. Figure 3 presents the UST location plot plan.

The site is located in the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 7 of Town 7 North, Range 21 East (City of Wauwatosa) in Milwaukee County, Wisconsin.

One 2,000-gallon heating oil Underground Storage Tank (UST) was removed at the site in June, 1995.

b. Name and Phone Number of Owner, Operator, and Client

The Responsible Party for the site and system:

Roundy's Inc.
11300 West Burleigh Street
Wauwatosa, Wisconsin 53222
(414) 453-8200

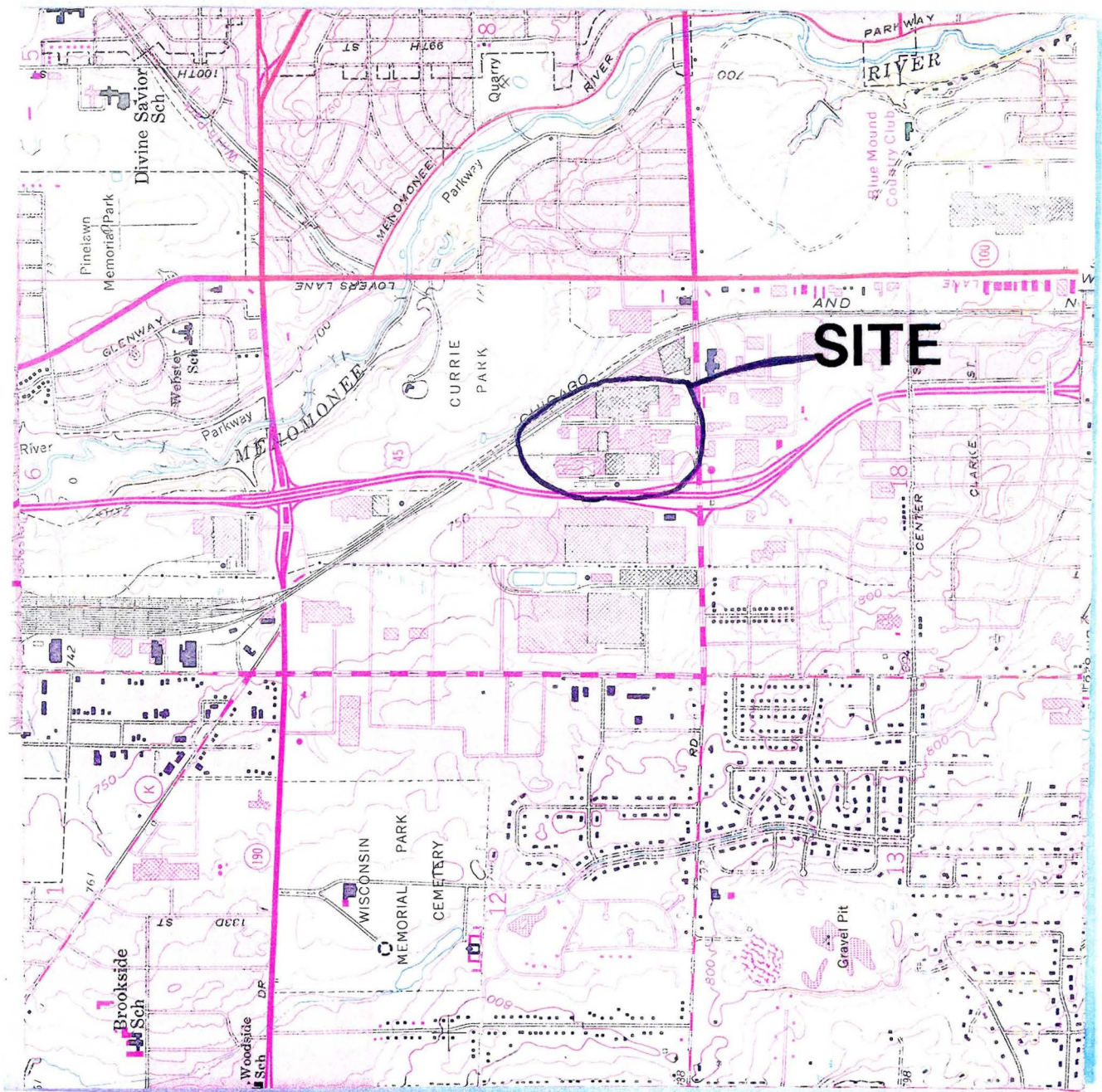
The contact person is:

Mr. Richard Axt
(same address and telephone)

c. Consultant's Name

The consultant and consulting firm for the project is:

Mr. Robert Spanbauer
AES Consultants, Ltd.
10300 West Lincoln Avenue
West Allis, Wisconsin 53227
(414) 545-7277



SOURCE:

U.S.G.S. 7.5 MINUTE SERIES
TOPOGRAPHIC MAP - WAUKESHA
QUADRANGLE, 1976



FIGURE 1

SITE LOCATION

SCALE: 1"=2000'

DATE: APRIL 5, 1995

A.E.S. CONSULTANTS, LTD.

BY: SMS



U.S. ROUTE NO. 45

U.S. ROUTE NO. 45

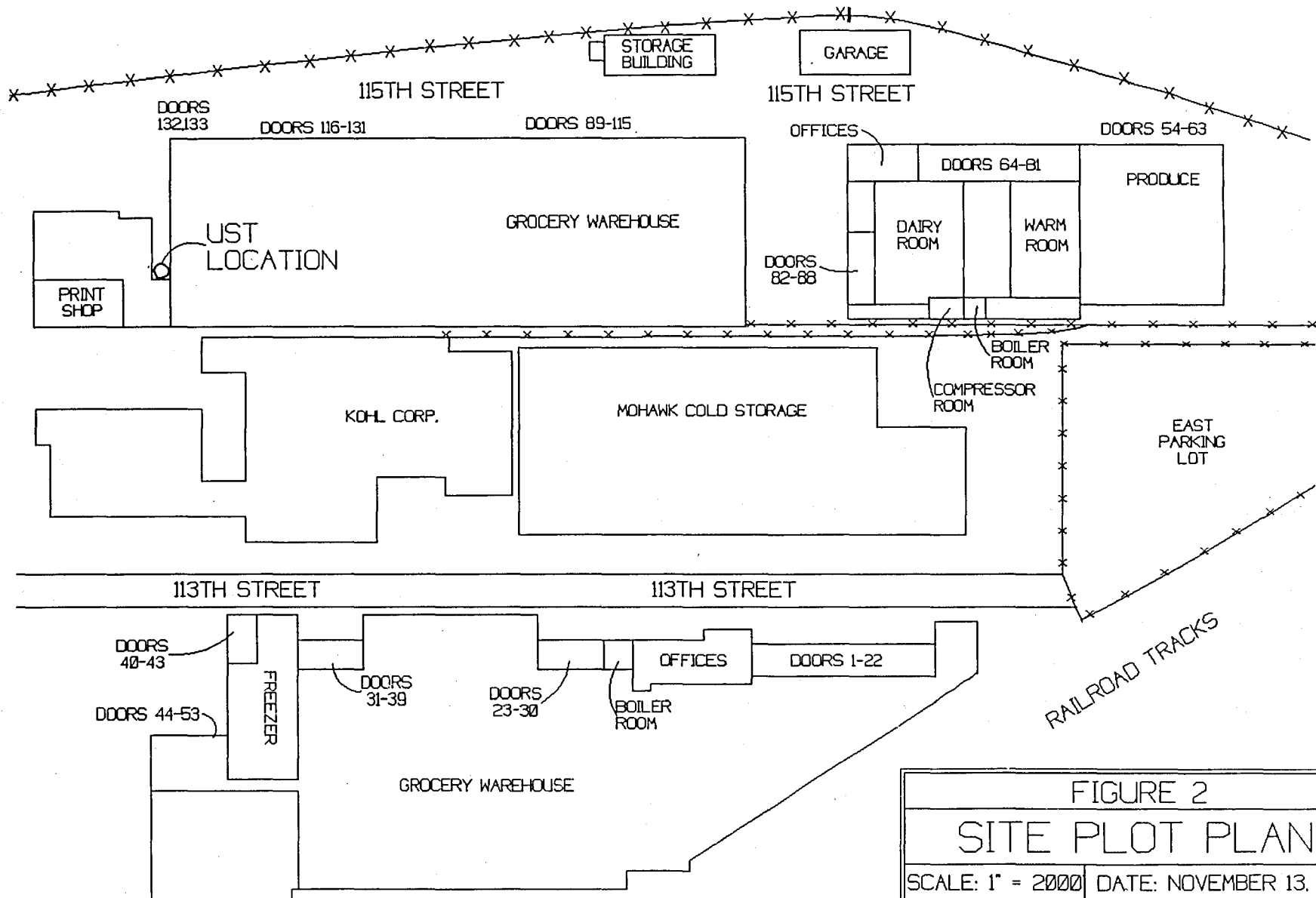


FIGURE 2
SITE PLOT PLAN

SCALE: 1" = 2000' DATE: NOVEMBER 13, 1995
AES CONSULTANTS, LTD. BY: SMS

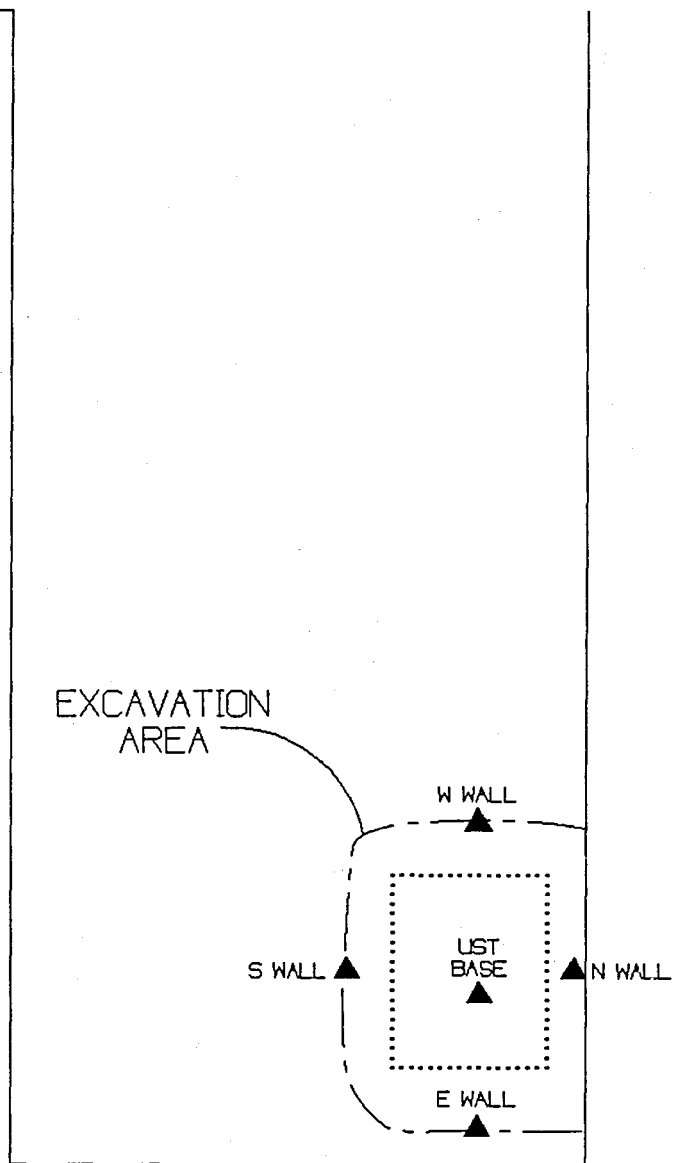


FIGURE 3	
UST PLOT PLAN	
SCALE: 1" = 10'	DATE: NOVEMBER 14, 1995
AES CONSULTANTS, LTD.	BY: SMS

d. Certified Site Assessor

The Certified Site Assessor was:

Mr. Robert Spanbauer
AES Consultants, Ltd.
10300 West Lincoln Avenue
West Allis, Wisconsin 53227
(414) 545-7277

Certification Number: 04288

2. DESCRIPTION of SITE CONDITIONS

a. Regional and Local Geology and Hydrogeology

The geology of Milwaukee County, Wisconsin is characterized by Quaternary-aged unconsolidated deposits (i.e., clayey silty tills and sand and gravel outwash). These deposits are glacio-lacustrine in origin, and were deposited during the Wisconsinian advance of the Ice Age glaciers. These deposits range in thickness from 35 to 200 feet. Underlying the unconsolidated material is a thick sequence (greater than 2,000 feet) of Silurian-, Ordovician-, and Cambrian-aged dolomites, shales and sandstone overlying Precambrian-aged igneous and metamorphic rocks.

The Niagara Formation, the uppermost bedrock formation directly underlying the unconsolidated materials, acts as a regional water supply aquifer. Recharge of this aquifer is local and groundwater flow paths are short. Regional groundwater flow is to the east, toward Lake Michigan.

b. Local Geology and Hydrogeology

Site geologic conditions were determined from soil borings conducted in other portions of the site and regional data. The information indicates the site is underlain primarily by brown to gray clay to silty clay. Groundwater was not encountered at the site. A report titled "*Remedial Investigation Report and Remedial Action Plan*" discusses the site geologic investigation.

c. Site Description, Case Summary and Chronology

1. Previous UST System Removals

Three USTs were removed from the site in July, 1994. A report titled "*UST Closure and Remedial Action Plan*" dated September, 1994 details the UST removals. Two additional USTs were abandoned in place in February, 1995. Reports titled "*UST Closure Assessment (Produce)*" and "*UST Closure Assessment (Grocery)*" dated April, 1995 detail the UST abandonment.

2. UST Contents

The UST contained no fluids or sludges.

3. Condition of USTs, Lines and Dispensers

The UST appeared to be in good condition.

4. Information on System Leaks or Repairs

No releases of product during operation of the system at the site have been reported. Inventory production records (stick tests) for system operations do not indicate a loss of product.

5. Description of Past and Present Property Use

The site is located in a commercial area in the western portion of Wauwatosa, Wisconsin. The site has been utilized for commercial activities since the mid-1960's. Prior usage was farm and vacant land.

6. Third Party Present at UST Closure

Lt. Thomas Novara of the Wauwatosa Fire Prevention Bureau was present during the UST closure.

3. TANK EXCAVATION

On June 22, 1995, TNT Services, Inc. mobilized to the site to remove one 2,000-gallon steel UST. The UST was located 2½-feet below grade.

The UST was then vented.

Inspection of the UST interior during cleaning indicated the UST was sound.

The completed Underground Petroleum Product Tank Inventory Form is included in Appendix A.

4. TANK CLEANING

UST cleaning was performed by TNT Services, Inc. The UST was cleaned in-place.

5. SOIL DISPOSAL

The UST backfill material exhibited odors and some staining, likely the result of UST filling operations. Therefore, the backfill material was excavated and stockpiled on-site pending landfill bioremediation. The material was transported to Orchard Ridge Recycling and Disposal facility in Menomonee Falls, Wisconsin on July 25, 1995.

Following removal of the backfill material, a soil sample was collected from the sidewalls and base of the excavation for Diesel Range Organics (DRO) and Petroleum Volatile Organic Compounds (PVOCs) analysis.

Approximately 45 tons of soil were disposed. Copies of the landfill documentation is included in Appendix B.

6. SOIL SAMPLE ANALYTICAL RESULTS

The overexcavation soil samples collected indicated DRO concentrations of between 6 and 90 mg/kg. These concentrations are in excess of the WDNR release reporting guideline of 10 mg/kg, but are below the § NR720 Soil Quality Standards.

The soil sample analytical reports are presented in Table 1, with copies of the laboratory reports included in Appendix C.

7. CONCLUSIONS AND RECOMMENDATIONS

a. Conclusions

Based on the UST closure and analytical results obtained, the following conclusions can be developed:

- DRO contamination in excess of § NR720 Soil Quality Standards guidelines were not detected in the samples collected from the UST excavation.
- Groundwater was not encountered at the site.
- The UST and associated piping has been removed.

TABLE 1
Soil Sample Analytical Results

Sample Number	Location	DRO (mg/kg)	Benzene (ug/kg)	Ethylbenzene (ug/kg)	Toluene (ug/kg)	Xylene (ug/kg)	Total PVOCs (ug/kg)
NR720 Soil Quality Standard		250	5.5	2,900	1,500	4,100	NS
N Wall	North Wall	90	ND	0.8	ND	ND	3.2
S Wall	South Wall	8.0	ND	6.5	ND	6.4	55
E Wall	East Wall	6.9	ND	4.7	ND	3.0	33
W Wall	West Wall	5.3	ND	15	1.7	15	96
Base	Base	6.3	2.6	ND	ND	ND	2.6

ND = Not Detected

NS = No Standard

b. Recommendations

Based on the information presented earlier in the report, the following recommendation can be developed:

- AES recommends that no further action be necessary at the site. The petroleum hydrocarbon impacts detected at the site do not exceed the § NR720 Standards and therefore, no remedial action is necessary.

8. LIMITATIONS of LIABILITY

This report was prepared under constraints of cost, time and scope, and reflects a limited assessment and evaluation rather than full, total complete or extensive assessment and evaluation.

Our assessment was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by Professional Consultants practicing in this or similar localities. No other warranty or guarantee, express or implied, is made as to the conclusions and professional advice included in this report.

The findings of this report are valid as of the present date of the assessment. However, changes in the condition of the property can occur with the passage of time, whether they result from legislation, from the broadening of knowledge, or from other reasons. Accordingly, the findings of this report may be invalidated, wholly or partially, by changes outside our control.

The interpretations and conclusions contained in this report are based upon the result of independent laboratory tests and analysis intended to detect the presence and/or concentrations of certain chemical constituents in the samples taken from the subject property. AES Consultants, Ltd. has no control over such testing and analysis and therefore disclaims any responsibility for errors and omissions arising therefrom.

A subsurface exploration was performed and presented in this report. However, subsurface exploration cannot reveal totally what is below the surface. Depending upon the sampling method and frequency, every soil condition may not be observed, and some materials or layers which are present in the subsurface may not be noted.

This report is issued with the understanding that it is the responsibility of the owner(s) to ensure that the information and recommendations contained herein are brought to the attention of the appropriate regulatory agency(ies).

This report has been prepared specifically for Roundy's Inc. Reproduction or distribution of this report should not be performed without written consent of Roundy's Inc. and AES Consultants, Ltd.



APPENDIX A

Underground Petroleum Product

Tank Inventory Forms

UNDERGROUND
PETROLEUM PRODUCT
TANK INVENTORYSend Completed Form To:
Safety & Buildings Division
P.O. Box 7969
Madison, WI 53707
Telephone (608) 267-5280

For Office Use Only:

Tank ID # 401100264

Information Required By Sec. 102.142, Wis. Stats.

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume included piping located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☒ YES ☐ NO If yes, are you correcting/updating information only? ☒ Yes ☐ No

This registration applies to a tank that is (check one):

- 1A. ☐ In Use or 1B. ☐ Newly Installed
2. ☐ Abandoned With Product
3. ☐ Abandoned No Product (empty)
or With Water
4. ☒ Closed - Tank Removed
5. ☐ Closed - Filled With Inert Material
6. ☐ Out of Service - Provide Date: _____
3. ☐ Changed Ownership
Indicate new owner below

Fire Department Providing Fire Coverage
Where Tank Located:

Wauwatosa

A. IDENTIFICATION: (Please Print)

1. Tank Site Name

Roundy's, Inc

Site Address

11300 West Burleigh St.

Site Telephone No.

(414) 453-8200

☒ City

Wauwatosa

☐ Village☐ Town of:

State

Zip Code

County

Milwaukee

2. Owner Name (mail sent here unless indicated otherwise in #3 below)

Roundy's Inc c/o Richard Art

Owner Mailing Address (mail sent here unless indicated otherwise in #3)

11300 West Burleigh St

☒ City

Wauwatosa

☐ Village☐ Town of:

State

Zip Code

County

Milwaukee

3. Alternate Mailing Name If Different Than #2

Alternate Mailing Street Address If Different From #2

☐ City☐ Village☐ Town of:

State

Zip Code

County

4. Tank Age (date installed, if known; or years old)

1960's

5. Tank Capacity, gallons

2000

6. Tank Manufacturer's Name (if known)

B. TYPE OF USER (check one):

1. ☐ Gas Station
2. ☐ Bulk Storage
3. ☐ Utility
4. ☒ Mercantile
5. ☐ Industrial
6. ☐ Government
7. ☐ School
8. ☐ Residential
9. ☐ Agricultural
10. ☐ Other (specify): _____

C. TANK CONSTRUCTION:

1. ☒ Bare Steel
2. ☐ Cathodically Protected and Coated Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify): _____
6. ☐ Relined - Date: _____
7. ☐ Steel-Fiberglass Reinforced Plastic Composite
9. ☐ Unknown

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:Is Tank Double Walled? ☐ Yes ☒ NoOverfill Protection Provided? ☐ Yes ☒ No If yes, describe type:Spill Containment? ☐ Yes ☒ NoTank leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring 4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring 6. ☐ Not required at present 7. ☐ Manual Tank Gauging (only for tanks of 1,000 gallons or less)

D. PIPING CONSTRUCTION

1. ☒ Bare Steel
2. ☐ Cathodically Protected and Coated or Wrapper Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify): _____
9. ☐ Unknown

Piping System Type: 1. ☐ Pressurized piping with: A. ☐ automatic shutoff; B. ☐ alarm; or C. ☐ flow restrictor 2. ☐ Suction piping with check valve at tank 3. ☐ Suction piping with check valve at pump and acceptablePiping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring 3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line Leak Detector 6. ☐ Not RequiredApproval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:Double Walled: ☐ Yes ☐ No

E. TANK CONTENTS

1. ☐ Diesel
2. ☐ Leaded
3. ☐ Unleaded
4. ☒ Fuel Oil
5. ☐ Gasohol
6. ☐ Other
7. ☐ Empty
8. ☐ Sand/Gravel/Slurry
9. ☐ Unknown
10. ☐ Premium
11. ☐ Waste Oil
12. ☐ Propane
13. ☐ Chemical *
14. ☐ Kerosene
15. ☐ Aviation

* If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste.

If Tank Closed, Give Date (mo/day/yr):

Has a site assessment been completed? (see reverse side for details)

☐ Yes ☐ No

If installation of a new tank is being reported, indicate who performed the installation inspection:

1. ☐ Fire Department
2. ☐ DILHR
3. ☐ Other (identify): _____

Name of Owner or Operator (please print):

Richard Art

Indicate Whether:

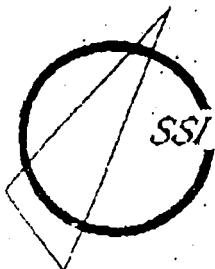
☐ Owner or ☒ Operator

Signature of Owner or Operator:

Richard Art

Date Signed:

June 22, 1995

SALVAGE SPECIALISTS, INC.

518 E. Main Street
Waterford, WI 53185
Shop (414) 425-1312
Office (414) 534-2866
Fax (414) 534-2865

STORAGE TANK(S) RECEIVED

The storage tank(s) listed below have been received by Salvage Specialists, Inc.

The tank(s) have been cleaned and are fume free prior to Salvage Specialists, Inc. taking possession of them.

All tanks received by Salvage Specialists, Inc. are to be destroyed, NOT TO BE SOLD FOR REUSE!

Contractor TNT Services Inc.

Operator Same

Tank Location 11300 W Burleigh

Number of Tanks

Tanks Were: Cut on site x Picked up Delivered to yard

Trucker: Salvage Specialists Inc.

Number of Fiberglass Lined Tanks

Tank Sizes:

1. 2K

2. 6K

3. 15K

4.

5.

6.

7.

8.

9.

Tanks Received by (Trucker):

Salvage Specialists Inc.

Date:

August 24 1995



APPENDIX B

Landfill Disposal Documentation

P.01

FAX NO. 4142531322

PARKVIEW RDF

SEP-29-95 FRI 9:17

ORCHARD RIDGE RDF
TICKET LISTING BY PROFILE NUMBER
07/01/95 THRU 07/31/959/29/95
PAGE 1

DATE	TICKET NUMBER	CUSTOMER	CUSTOMER NUMBER	TRUCK NUMBER	GENERATOR	PROFILE NUMBER	YARDS	NET TONS	CODE1	CODE2	CODE3	CODE4	TOTAL AMOUNT
07/25/95	125306	ROUNDY'S INC.	0006905	1	ROUNDY'S INC.	B1035096	20	19.60	B10				519.40
07/25/95	125349	ROUNDY'S INC.	0006905	7	ROUNDY'S INC.	B1035096	25	25.45	B10				674.43
							45	45.05					1,193.83

TO: Bob Spanbauer
FR: Roxanne

APPENDIX C

Soil Sample Analytical Reports



...chemistry for the environment

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX: 414-469-8827

Lab Certification No. 405132750

Location : ROUNDY'S

Your Sample ID: N-WALL

Sample Desc. : NORTH WALL 7.5'

Sample Matrix : SOIL

Date Collected: 06/22/1995

En Chem Proj# : 9506458

Date Received : 06/24/1995

En Chem Lab # : 146289

Date Reported : 06/30/1995

Report to: AES

10300 WEST LINCOLN

WEST ALLIS, WI 53227

Bill to: AES CONSULTANTS

Analysis	Parameter	Result	Units	Detection Limit	Prep Method	Prep Date	Analysis Method	Analysis Date	Analyzed By
TOTSOLID	Total Solids	80	Percent				EPA 160.3	06/26/1995	NJS
VOC-S	Benzene	ND	ug/kg	0.6	SW846 5030	06/28/1995	SW846 8260	06/28/1995	JJB
	Ethyl Benzene	0.8	ug/kg	0.6					
	Methyl-tert-butyl ether	ND	ug/kg	0.5					
	Toluene	ND	ug/kg	0.5					
	1,2,4-trimethylbenzene	2.4	ug/kg	0.9					
	1,3,5-trimethylbenzene	ND	ug/kg	0.9					
	Xylenes, m + p	ND	ug/kg	1.0					
	Xylene, o	ND	ug/kg	0.7					
DRO-S	Diesel Range Organics(DRO)-Soil	90	mg/kg	4.4		06/24/1995	WDNR MOD DRO	06/26/1995	NJS
	Blank spike	90	% recov	50					
	Blank spike duplicate	102	% recov	50					
	Soil spike	80	% recov	50					

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:



Printed on Recycled Paper



...chemistry for the environment

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX: 414-469-8827

Lab Certification No. 405132750

Location : ROUNDY'S

Your Sample ID: S-WALL

Sample Desc. : SOUTH WALL 7.5'

Sample Matrix : SOIL

Date Collected: 06/22/1995

En Chem Proj#: 9506458

Date Received : 06/24/1995

En Chem Lab # : 146290

Date Reported : 06/30/1995

Report to: AES

10300 WEST LINCOLN

WEST ALLIS, WI 53227

Bill to: AES CONSULTANTS

Analysis	Parameter	Result	Units	Detection Limit	Prep Method	Prep Date	Analysis Method	Analysis Date	Analyzer By
TOTSOLID	Total Solids	81	Percent				EPA 160.3	06/26/1995	NJS
VOC-S	Benzene	ND	ug/kg	0.6	SW846 5030	06/29/1995	SW846 8260	06/29/1995	JJB
	Ethyl Benzene	6.5	ug/kg	0.6					
	Methyl-tert-butyl ether	ND	ug/kg	0.5					
	Toluene	ND	ug/kg	0.5					
	1,2,4-trimethylbenzene	30	ug/kg	0.9					
	1,3,5-trimethylbenzene	13	ug/kg	0.9					
	Xylenes, m + p	4.6	ug/kg	1.0					
	Xylene, o	1.8	ug/kg	0.7					
RO-S	Diesel Range Organics(DRO)-Soil	8.0	mg/kg	4.9		06/24/1995	WDNR MOD DRO	06/26/1995	NJS
	Blank spike	90	% recov	50					
	Blank spike duplicate	102	% recov	50					
	Soil spike	80	% recov	50					

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:



Printed on Recycled Paper



...chemistry for the environment

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX: 414-469-8827

Lab Certification No. 405132750

Location : ROUNDY'S

Your Sample ID: E-WALL

Sample Desc. : EAST WALL 7.5'

Sample Matrix : SOIL

Date Collected: 06/22/1995

En Chem Proj# : 9506458

Date Received : 06/24/1995

En Chem Lab # : 146291

Date Reported : 06/30/1995

Report to: AES

10300 WEST LINCOLN

WEST ALLIS, WI 53227

Bill to: AES CONSULTANTS

analysis	Parameter	Result	Units	Detection Limit	Prep Method	Prep Date	Analysis Method	Analysis Date	Analyzed By
TOTSOLID	Total Solids	80	Percent				EPA 160.3	06/26/1995	NJS
VOC-S	Benzene	ND	ug/kg	0.6	SW846 5030	06/28/1995	SW846 8260	06/28/1995	JJB
	Ethyl Benzene	4.7	ug/kg	0.6					
	Methyl-tert-butyl ether	ND	ug/kg	0.5					
	Toluene	ND	ug/kg	0.5					
	1,2,4-trimethylbenzene	20	ug/kg	0.9					
	1,3,5-trimethylbenzene	5.1	ug/kg	0.9					
	Xylenes, m + p	2.2	ug/kg	1.0					
	Xylene, o	0.8	ug/kg	0.7					
RO-S	Diesel Range Organics(DRO)-Soil	6.9	mg/kg	4.9		06/24/1995	WDNR MOD DRO	06/26/1995	NJS
	Blank spike	90	% recov	50					
	Blank spike duplicate	102	% recov	50					
	Soil spike	80	% recov	50					

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:



Printed on Recycled Paper



...chemistry for the environment

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX: 414-469-8827

Lab Certification No. 405132750

Location : ROUNDY'S

Your Sample ID: W-WALL

Sample Desc. : WEST WALL 7.5'

Sample Matrix : SOIL

Date Collected: 06/22/1995

En Chem Proj#: 9506458

Date Received : 06/24/1995

En Chem Lab # : 146292

Date Reported : 06/30/1995

Report to: AES

10300 WEST LINCOLN

WEST ALLIS, WI 53227

Bill to: AES CONSULTANTS

Analysis	Parameter	Result	Units	Detection Limit	Prep Method	Prep Date	Analysis Method	Analysis Date	Analyst
TOTALSOLID	Total Solids	81	Percent				EPA 160.3	06/26/1995	NJS
VOC-S	Benzene	ND	ug/kg	0.6	SW846 5030	06/28/1995	SW846 8260	06/28/1995	JJB
	Ethyl Benzene	15	ug/kg	0.6					
	Methyl-tert-butyl ether	ND	ug/kg	0.5					
	Toluene	1.7	ug/kg	0.5					
	1,2,4-trimethylbenzene	57	ug/kg	0.9					
	1,3,5-trimethylbenzene	9.6	ug/kg	0.9					
	Xylenes, m + p	12	ug/kg	1.0					
	Xylene, o	2.6	ug/kg	0.7					
■RO-S	Diesel Range Organics(DRO)-Soil	5.3	mg/kg	4.6		06/24/1995	WDNR MOD DRO	06/26/1995	NJS
	Blank spike	94	% recov	50					
	Blank spike duplicate	95	% recov	50					
	Soil spike	100	% recov	50					

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:

Mary Christie



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...chemistry for the environment

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX: 414-469-8827

Lab Certification No. 405132750

Location : ROUNDY'S

Your Sample ID: BASE

Sample Desc. : EXCAVATION BASE 8.5'

Sample Matrix : SOIL

Date Collected: 06/22/1995

En Chem Proj#: 9506458

Date Received : 06/24/1995

En Chem Lab # : 146288

Date Reported : 06/30/1995

Report to: AES

10300 WEST LINCOLN
WEST ALLIS, WI 53227

Bill to: AES CONSULTANTS

Analysis	Parameter	Result	Units	Detection Limit	Prep Method	Prep Date	Analysis Method	Analysis Date	Analyzed By
TOTALSOLID	Total Solids	91	Percent				EPA 160.3	06/26/1995	NJS
VOC-S	Benzene	2.6	ug/kg	0.5	SW846 5030	06/29/1995	SW846 8260	06/29/1995	JJB
	Ethyl Benzene	ND	ug/kg	0.5					
	Methyl-tert-butyl ether	ND	ug/kg	0.4					
	Toluene	ND	ug/kg	0.4					
	1,2,4-trimethylbenzene	ND	ug/kg	0.8					
	1,3,5-trimethylbenzene	ND	ug/kg	0.8					
	Xylenes, m + p	ND	ug/kg	0.9					
	Xylene, o	ND	ug/kg	0.7					
DRO-S	Diesel Range Organics(DRO)-Soil	6.3	mg/kg	4.5		06/24/1995	WDNR MOD DRO	06/26/1995	NJS
	Blank spike	90	% recov	50					
	Blank spike duplicate	102	% recov	50					
	Soil spike	80	% recov	50					

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:

Mary Christie



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State of Wisconsin
Department of Natural Resources

CHAIN OF CUSTODY RECORD
LUST PROGRAM
Based on Form 4400-151 Rev. 4-93

✓ JH

Note: Use of this form is voluntary but is requested by the Department pursuant to ch. NR 149, NR 500-540, NR 158 and NR 419, Wis. Adm. Code. Personally identifiable information will be used for no other purpose.

Sample Collector(s) <u>Michele Ruud</u>	Title/Work Station/Company <u>ENVIRO. TECH / AES Consultants</u>	Telephone Number (include area code) <u>414/545-7277</u>
Property Owner <u>Roundy's</u>	Property Address <u>11300 W. Burleigh, Wauwatosa, WI</u>	Telephone Number (include area code) _____

I hereby certify that I received, properly handled and disposed of these samples as noted below:

Relinquished By (Signature) <u>Michele Ruud</u>	Date/Time <u>6/23/95 0830</u>	Received By (Signature) <u>Bessie Kemper</u> <u>6/23/95</u>
Relinquished By (Signature) _____	Date/Time _____	Received By (Signature) _____
Relinquished By (Signature) <u>Bessie Kemper</u>	Date/Time <u>6/23/95 4:00 PM</u>	Received for EN-CHEM by (Signature) <u>R. Somersdalen</u>

LABORATORY USE ONLY

Temperature of temperature blank Blank
If samples were received on ice and there was ice remaining, you may report the temperature as 'received on ice'. If all of the ice was melted, the temperature of the melt may be substituted for a temperature blank.

Sample Condition

Field ID Number	Date Collected	Time Collected	Sample Type	Device	Preserv. Type	Field Screening	Location/Description (see footnote 2)	Analysis Type	Lab ID Number	no./Type of Containers	Cracked /broken	Inprop. Sealed	Good Cond.	Other Comments
BASE	6/22/95	1540	Soil	-	ICE	0 ppm	Excavation Base 8.5'	2.5	1A6288	3 1-502 2 2-202			X	H/P
N-WALL		1515		-		13.8 ppm	North Wall 7.5'		1A6289	3				
S-WALL		1430				12 ppm	South Wall 7.5'		1A6290	3				
E-WALL		1415				0 ppm	East Wall 7.5'		1A6291	3				
W-WALL		1455				23 ppm	West Wall 7.5'		1A6292	3				
WP-1		1600				210 ppm	WASTE Profile Stockpile		15	1A6293	3			
E-END	6/23/95	1100	Soil	-	ICE	142 ppm	East End of Above-ground tank	5	1A6294	1-502 1-202				
W-END	6/23/95	1130	"	-	ICE	97 ppm	West End of AGT	5	1A6295	1-502 1-202				

FOOTNOTES
1. specify groundwater, surface water, soil, leachate, sludge, etc.
2. sample description must clearly correlate the sample ID to the sampling location.

ANALYSIS CODES

- | | | | |
|---------|-------------------|------------------|---------------------|
| 1. GRO | 5. DRO | 9. Free Liquids | 13. BETX |
| 2. PVOC | 6. PAH | 10. pH | 14. Protocol D1-GRO |
| 3. Lead | 7. Flashpoint | 11. TCLP-Benzene | 15. Protocol D1-DRO |
| 4. 8021 | 8. Percent Solids | 12. TCLP-Lead | 16. 8260 |

QTA# _____

En Chem Project# 9506458

BILLING ADDRESS:

Job Name/Number: _____

Job Description: _____

UID Number: <u>5233</u>		FID Number: <u>241279390</u>	PMN Number:
County: <u>MILWAUKEE</u>	Initial Contact Date: <u>12/6/95</u>		
Site Name: <u>Roundy's Foods #5 - SMP</u>	Date RPLetter Sent: <u> </u>		
Address: <u>11300 W. BURLEIGH ST.</u>	Date Closure Approved: <u>1/11/96</u>		
<u>WAUWATOSA, WI</u>			
Municipality: <u>CITY OF WAUWATOSA</u>	Person/Firm Reporting: <u>Bob Spanbauer</u>		
Legal Descript: <u>SW 1/4 SE 1/4 sec. 7 T 7 N R 21 Q (E/W)</u>	<u>AES</u>		
Lat.: <u> </u>	Long.: <u> </u>	Phone Number: <u>(414) 545-7277</u>	

Priority Screening	Scoring Criteria	Funding Source	Effective Date	LUST Trust Eligible
<u> </u> 1 = High	1. <u> </u>	<u> </u> 1 = RP	<u> </u> / <u> </u> / <u> </u>	<u> </u> 1 = Federal
<u> </u> 2 = Medium	2. <u> </u>	<u> </u> 2 = LTF	<u> </u> / <u> </u> / <u> </u>	<u> </u> 2 = Non-Federal
<u>X</u> 3 = Low	3. <u> </u>	<u> </u> 3 = EF	<u> </u> / <u> </u> / <u> </u>	
<u> </u> 4 = Unknown	4. <u> </u>	<u> </u> 4 = Other	<u> </u> / <u> </u> / <u> </u>	
	5. <u> </u>			
Score: <u> </u> Init.: <u> </u> Date: <u> </u> / <u> </u> / <u> </u>				

Case Status

	Start Date	End Date
<u> </u> (F) Free Product Removal	<u> </u> / <u> </u> / <u> </u>	<u> </u> / <u> </u> / <u> </u>
<u> </u> (E) RP Emergency Response	<u> </u> / <u> </u> / <u> </u>	<u> </u> / <u> </u> / <u> </u>
<u> </u> (R) LTF Emergency Response	<u> </u> / <u> </u> / <u> </u>	<u> </u> / <u> </u> / <u> </u>
<u> </u> (L) Long Term Monitoring	<u> </u> / <u> </u> / <u> </u>	<u> </u> / <u> </u> / <u> </u>

Responsible Party	Impacts
Contact Person: <u>MR RICHARD AXT</u>	Enter "P" for potential and "K" for known
Company Name: <u>Roundy's Inc.</u>	<u> </u> (1) Fire/Explosion Threat
Address: <u>11300 W. BURLEIGH ST.</u>	<u> </u> (2) Contaminated Private Well(s) <u> </u> # of Wells
<u>WAUWATOSA WI 53222</u>	<u> </u> (3) Contaminated Public Well
Phone Number: <u>(414) 453-8200</u>	<u> </u> (4) Groundwater Contamination
CC's: <u> </u>	<u>K</u> (5) Soil Contamination
<u> </u>	<u> </u> (6) Other: <u> </u>
<u> </u>	<u> </u> (7) Surface Water Impacts
<u> </u>	<u> </u> (9) Floating Product

Consultant	Substances	# Tank(s)	Size
Contact Name: <u>BOB SPANBAUER</u>	<u> </u> (1) Leaded Gas	<u> </u>	<u> </u>
Company Name: <u>AES</u>	<u> </u> (2) Unleaded Gas	<u> </u>	<u> </u>
Address: <u>10300 W LINCOLN AVE</u>	<u> </u> (3) Diesel	<u> </u>	<u> </u>
<u>WEST ALLIS WI 53227</u>	<u>X</u> (4) Fuel Oil	<u> 1 </u>	<u>2000</u>
Telephone: <u>(414) 545-7277</u>	<u> </u> (5) Unkwn Hydrocrbn	<u> </u>	<u> </u>
	<u> </u> (8) Other	<u> </u>	<u> </u>
	<u> </u> (12) Waste Oil	<u> </u>	<u> </u>

12-20-95

1. Introduction
 2. Background
 3. Methodology
 4. Results
 5. Conclusion
 6. References
 7. Appendix
 8. Index
 9. Glossary
 10. Summary
 11. Abstract
 12. Keywords
 13. Subject
 14. Topic
 15. Field
 16. Area
 17. Discipline
 18. Branch
 19. Division
 20. Department
 21. Faculty
 22. School
 23. College
 24. University
 25. Institution
 26. Organization
 27. Association
 28. Society
 29. Community
 30. Group
 31. Team
 32. Club
 33. League
 34. Association
 35. Union
 36. Syndicate
 37. Consortium
 38. Coalition
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PRIORITY SCREENING WORKSHEET

HIGH FACTORS: (DEFINITION: Any case which presents an actual threat to human health, or has a high potential of causing a threat to human health and property; and/or any case which has caused or has a high potential of causing substantial impacts to the soil, waters and air of the State of Wisconsin).

EMERGENCY FACTORS:

- ☐ Contaminated private or public well >NR 140 enf. std.
- ☐ Explosive or toxic vapors in structures
- ☐ Threat of fire

HIGH FACTORS:

- ☐ Floating product (including sheen)
- ☐ GW contamination (>140 enf. std.)
- ☐ Impacted surface water - - wetland, trout stream, etc. impacted
- ☐ Saturated soil contamination posing a risk to groundwater

MEDIUM FACTORS: (DEFINITION: Any case which does not appear to be an immediate threat to human health or vital natural resources but which shows levels of contamination that may cause substantial environmental impacts if left unaddressed.)

- ☐ Moderate soil contamination with potential for impacting groundwater.
- ☐ Impacted surface water - - no critical habitat threats.
- ☐ Groundwater contamination >NR 140 PAL.

LOW FACTORS: (DEFINITION: Any case where contamination has been documented, but which presents limited potential for immediate threat to human health and vital natural resources.)

- ☐ Soil contamination which appears to have a limited potential for impacting groundwater.
- ☐ Initial Remedial action has substantially reduced environmental threat.

UNKNOWN FACTORS: (DEFINITION: Any case where some indication of contamination is present, but due to incomplete or inaccurate information the level of threat to human health or the environment can not be assessed at this time.)

- ☐ Inadequate information to assign a high, medium, or low ranking.

NUMERICAL LUST SCORING WORKSHEET

1. GROUNDWATER & SOILS:

POINTS:

- 20 Municipal well impacted
- 18 >6 private wells impacted
- 16 4 - 6 private wells impacted
- 14 2 - 3 private wells impacted
- 12 1 private well impacted

Points:

- 10 Major soil and/or gw >ES within 1200' of a public well
- 8 Major soil and/or gw >ES within 1200' of one or more private wells
- 6 Groundwater contamination >ES
- 4 Groundwater contamination <ES
- 2 Soil contamination

For purposes of this scoring, private well includes any non-municipal water supply system (e.g. non-community and other than municipal)

2. EXPLOSIVE OR TOXIC VAPORS:

POINTS: CONFIRMED

- 20
- 16
- 12

POTENTIAL

- 10
- 8
- 6

- Explosive levels in a residence or building
- Explosive levels in a sewer or other confined space
- Toxic levels in a residence or building

NOTE: Explosive levels determined to be >20% LEL as per an explosivity meter, toxicity levels are based on OSHA permissible exposure limits (PEL's)

3. SURFACE WATER IMPACTS:

POINTS: CONFIRMED

- 14
- 10
- 6

POTENTIAL

- 7
- 5
- 3

- Visible sheen or product on sensitive surface water environment (e.g. wetland, trout stream)
- Visible sheen or product on non-sensitive surface water area.
- Exceedance of NR 102, 103 or 104 surface water quality standards.

Request assistance from District Water Resources staff in evaluating surface water impacts.

4. HYDROGEOLOGIC SETTING:

Points:

- 12 Permeable stratigraphy (gravel, sand, fractured bedrock or utilities capable of intercepting and directing flow) and groundwater within 25 feet of the ground surface.
- 10 Permeable stratigraphy and groundwater greater than 25 feet below ground surface.
- 8 Moderately permeable stratigraphy (silty sands, silty gravel, clayey sands) and groundwater within 25 feet of ground surface.
- 6 Moderately permeable stratigraphy and groundwater greater than 25 feet below ground surface.
- 4 Low permeability stratigraphy (silt, clayey silt, sand clays) and groundwater within 25 feet of ground surface.
- 2 Low permeability stratigraphy and groundwater greater than 25 feet below ground surface.

5. TYPE OF PRODUCT:

POINTS: FREE PRODUCT

- 12
- 10
- 6

DISSOLVED PRODUCT

- 8
- 6
- 2

- Gasoline, mixture of gasoline and other products, other light petroleum products.
- Diesel, fuel oil.
- Bunker oil, other heavy oils or crude fractions.

UID#

SITE NAME

PROJECT MGR

ACTION CODES

02 = RP Letter Sent *

03 = Notice of Noncompliance *

04 = Enforcement Conference *

14 = Notice of Violation *

18 = Admin. Order Issued *

19 = Admin. Order Modified

20 = Admin. Order Cancelled

21 = Contest Case Hearing *

23 = Referral to DOJ *

30 = Notice to Proceed *

31 = Tnk Cls/SA Workplan Rec'd

32 = Tnk Cls/SA Workplan Appvd

33 = Tank Cls/SA Report Rec'd

34 = Tank Cls/SA Report Appvd

35 = SI Workplan Rec'd *

36 = SI Workplan Appvd *

37 = SI Report Rec'd *

38 = SI Report Appvd *

39 = RA Workplan Rec'd *

40 = RA Workplan Appvd *

41 = RA Report Rec'd *

42 = RA Report Appvd *

43 = Status Reports *

44 = Form 4 Received

45 = Form 4 Approved

46 = Form 4 Denied

47 = PECFA Reimbursement

48 = Free Product Recovery *

49 = Alternate Water Supplied *

60 = Consent Order +

NOTE: * = EPA Reporting Requirements

ACTION UPDATES

Entered in Tracking

Code

Action Date
(Received / Sent)

Compliance Due Date

Comment

Compliance Achieved